

Yale SCHOOL OF PUBLIC HEALTH
Epidemiology of Microbial Diseases

EMD Seminar Series

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**"Ecological and Social Determinants of
Enteric Pathogen Transmission in
Northern Coastal Ecuador: Towards
effective and sustainable
interventions"**

Road construction in northern coastal Ecuador has caused both ecological and social changes. After observing these changes over the past 10 years, we now have a clearer understanding of how these environmental drivers impact disease transmission of enteric pathogens and how to mitigate these changes through water and sanitation interventions. I will first present our data analysis of these social and ecological drivers and then model simulation analysis that examine how compliance to an in-home water filter device impacts the effectiveness of the intervention.

Thursday, October 3, 2013

12:00 PM, LEPH 115

Host: M. Diuk-Wasser/G. Pitzer